

Curriculum Vitae

Dr John Andrew WOLFENDEN

B. Ec. Hons (I), PhD, MEIA, MPIA

Ecological Economist, Environmental/Development Planner, Community/Group Facilitator

Key Competencies

- Team building, Leadership and Management
- High level professional communications skills
- Project Development, Implementation and Management
- Group/Community Facilitator
- Environmental/Development Planner
- Ecological Economist
- Integrated Socioeconomic Assessment
- Water Systems Specialist
- Sustainability and Resilience Management
- Participative Planning and Decision Making
- System Thinker, Practitioner and Modeller
- Transformational Change Processes
- Advanced user of various productivity and systems modelling software. Touch-typing around 60 wpm.

Qualifications

- 2002 Certificate IV Assessment and Workplace Training.
- 1999 PhD from the University of New England based on a thesis entitled “A Transdisciplinary Approach to Integrated Catchment Management: A Pragmatic Application of Ecological Economics”. This degree included advanced studies in integrated environmental management, systems theory and modelling, and organisational learning.
- 1994 Bachelor of Economics (Honours - 1st Class), University of New England.
- 1988 Certificate in Organic Farming and Gardening, Queensland Institute of Natural Science.
- 1974 Higher School Certificate. Graduated Dux of The Armidale School.

Professional Memberships

- Member of the Environment Institute of Australia and New Zealand (MEIANZ)
- Member of the Planning Institute of Australia (MPIA)

Employment History

Senior Research Fellow

Australian Centre for Agriculture and Law, University of New England
February 2007 to date.

- Project Leader (Change Processes Project) with Cooperative Research Centre for Irrigation Futures
- Identify and develop new funding opportunities
- Project development, implementation and management
- Project team leadership
- Project Cost Centre accountability

Senior Consultant

Wakefield Planning (www.wakefieldplanning.com.au).
January 2007 to date.

- Development Control Plans
- Subdivision Development
- Project Management

Senior Research Fellow

Centre for Ecological Economics and Water Policy Research, University of New England
February 2005 to January 2007.

- Identify and develop new funding opportunities
- Project development, implementation and management
- Project team leadership
- Program Leader (Policy and Planning for Change) with Cooperative Research Centre for Irrigation Futures
- Project Cost Centre accountability
- Graduate student supervision (successful Principal Supervisor for three PhD students)

Principal Project Manager and Business Manager

Centre for Ecological Economics and Water Policy Research, University of New England
January 2001 to January 2005.

- Project development, implementation and management
- Project team leadership
- Project Cost Centre accountability
- Graduate student supervision (successful Principal Supervisor of three PhD students)
- Business Manager for the Centre (budgets, monitoring, evaluation of variances, reporting to Director, exercise financial delegations)

Research Fellow

Centre for Water Policy Research, University of New England
June 1998 to December 2000.

- Project development, implementation and management
- Undertaking research and other work on various projects for other senior researchers

Research Associate and Doctoral Candidate

Centre for Water Policy Research, University of New England
January 1996 to June 1998.

- Completion of major research project on integrated environmental planning and management for PhD
- Undertaking research and other work on various projects for other senior researchers

Research Associate

Centre for Agricultural and Resource Economics, University of New England
March 1994 to December 1995.

- Budgets, monitoring, evaluation of variances, reporting to Director
- Undertook a research project on the use of economic instruments in the Beef Feedlot Industry to achieve improved environmental outcomes.

Student

University of New England 1991 to 1993.

- Completed Bachelor of Economics with Honours
- Completed a research project on Recycling at the Local Government Level.

Administration Officer

Telecom Australia
1978 to 1991.

- Staff supervision
- Personnel and Financial Management
- Customer Relations
- IT support

Awards, Prizes and Scholarships

- 1994 Australian Postgraduate Award (Industry) to undertake PhD studies in the subject area of “Policy Processes for Ecologically Sustainable Development”
- 1994 Economic Society Prize in Economics
- 1993 F.D. Reece and W.A. Tait Prize in Public Finance

Community Service, Professional Organisations and Activities

- Past Vice-President, Australia New Zealand Society for Ecological Economics
- Member of the Editorial Board for Australasian Journal of Environmental Management
- Member of the System Dynamics Society
- Reviewer for Ecological Economics, Australasian Journal of Environmental Management, Annals of Tourism Research and Pacific Conservation Biology
- Former Group Leader, 2nd Armidale Scout Group
- Elder and Music Director, Armidale Church of Christ

Professional Focus

Dr Wolfenden is interested in all issues to do with ecologically sustainable development. His particular focus is on the way society plans for and makes its environmental management decisions, and the management and governance structures needed to support and implement these decisions. His work involves the invention, development and application of new techniques and processes that assist in this planning and decision making. The emphasis in Dr Wolfenden's work is on applying holistic systems approaches that integrate diverse stakeholder interests and scientific knowledge, to the exploration of environmental problems and the generation of tailor-made solutions and management plans and strategies. He pursues an ongoing interest in advancing state-of-the-art participative planning for sustainability.

Dr Wolfenden has adopted a transdisciplinary methodology to tackle various projects in integrated catchment management, environmental and development planning, integrated water resources management, native vegetation management, salinity management, community economic development, river restoration, strategic flood planning, waste management, strategic weed management, sustainable regional development and sustainable transport infrastructures. He is committed to a "triple bottom line" approach where explicit attention is paid to the economic, ecological and sociocultural aspects of development and management and how they interact.

Research and Consultancy Work

Dr Wolfenden has led and participated in teams addressing a number of environmentally-related management and planning issues. These projects have included:

- Change processes project for CRC Irrigation Futures.
- Subdivision project management.
- Review of Development Control Plans for Moree Plains Shire Council.
- Salinity management planning (South West NRM Ltd Qld);
- Review of Integrated Area Wide Management, Emerald Qld (CRC Irrigation Futures);
- Assessment of institutional arrangements relating to irrigation in the Burdekin River delta (CRC Irrigation Futures);
- Triple bottom line reporting for the North Burdekin Water Board (CRC Irrigation Futures);
- Analysis of options for en-route storages on the Murrumbidgee river (with Coffey Geosciences for NSW Department of Land and Water Conservation);
- Assessment of the hydrological and socioeconomic impacts resulting from water policy changes in the Namoi and Gwydir catchments of Northern New South Wales (Three distinct projects for Namoi Water Users' Association, Department of Land and Water Conservation, and Gwydir Valley Irrigators' Association respectively);
- Strategic flood management (Coffs Harbour City Council, New South Wales with funding from Australia Research Council);
- Bitou bush management (with Arnhem Environmental Impact Assessors for New South Wales South Coast Bitou Bush Management Committee);
- Development of a Vegetation Management Strategy (with Arnhem Environmental Impact Assessors for Meander Valley Council, Tasmania);
- Regional Development taking account of sustainability issues in the Upper Hunter Valley of New South Wales (Department of Urban Affairs and Planning and member councils);
- Integrated Catchment Management with the Malpas Catchment Committee among others; and
- Strategic Planning for Sustainable Development in the lower Gwydir catchment of New South Wales (Gwydir Valley Irrigators' Association).
- Improved processes for stakeholder involvement in environmental planning (NSW EPA – PhD project).
- Review of recycling in Armidale (Armidale City Council – Honours project).

In these projects, Dr Wolfenden has applied and honed his skills in team leadership, project management, strategic and development planning, public consultation, meeting facilitation, conflict management, data gathering and analysis, scenario modelling and testing of alternative options, and report writing. Dr Wolfenden has secured funding for a number of these projects.

Refereed Journal Articles and Technical Reports

- Butteriss, A., **Wolfenden, J.A.J.** and Goodridge, A. 2001. "Discourse Analysis: a technique to assist in environmental conflicts", *Australian Journal of Environmental Management*, Vol 8 (1) pp. 48-58.
- Evans, M and **Wolfenden, J.** 2005. "Development of Management Policies for an Environmental Contingency Allowance in the Gwydir Valley: Facilitating Complexity and Uncertainty", *Australasian Journal of Environmental Management*, 12(4), pp. 202-214.
- Gray, M. and **Wolfenden, J.A.J.** 2003. "The Canadian Model Forest Approach: A way forward for Tasmania?", *Australasian Journal of Environmental Management*, 11(1), pp 55-64.
- Wolfenden, J.**, Evans, M and Dutra, L. 2006. *What has been learned that increases the opportunities for irrigation communities in a changing world?* CRCIF Technical Report 05/06. CRC for Irrigation Futures, Sydney.
- Wolfenden, J.**, Evans, M., Essaw, D., Johnson, F., Sanderson, A., Starkey, G., and Wilkinson, B. 2007. *Resilience Management: A Guide for Irrigated Regions, Communities and Enterprises*, CRCIF Technical Report 01/07. CRC for Irrigation Futures, Sydney.
- Wolfenden, J.A.J.** 1998. "Homo Economicus: Fantastic fact or factual fantasy?", *Ethos*, 1(2), pp.4-9.

Consultancy/Research Project Reports

- Broese E.A. and **Wolfenden J.A.J.** 2002. *South Coast Regional Bitou Bush Strategy*, Arnhem Environmental Impact Assessors, Armidale.
- Broese, E., and **Wolfenden, J.A.J.** 2001. *Vegetation Management Strategy, Meander Valley Council*, Arnhem Environmental Impact Assessors, Armidale.
- Christen, E., Shepherd, M., Jayawardane, N., Davidson, P., Mitchell, M., Maheshwari, B., Atkins, D., Fairweather, H., **Wolfenden, J.** and Simmons, B. 2006. *The Sustainability Challenge: A Guide to using Triple Bottom Line reporting as a framework to promote the sustainability of rural and urban irrigation in Australia*, CRC for Irrigation Futures Technical Report No. 03-1/06.
- Evans, M. and **Wolfenden, J.A.J.** 2003. *Development and Review of Management Procedures for the Gwydir Environmental Contingency Allowance*, Final Report to Department of Land and Water Conservation, Centre for Ecological Economics and Water Policy Research, Armidale. Available for download from <http://www.une.edu.au/cwpr/projects/eca.html>.
- Meppem, A., Thompson, D. and **Wolfenden, J.A.J.** 1994. "Report on the economic evaluation of various management options facing the beef feedlot industry", Unpublished consultancy report for University Partnerships.
- Shepherd, M., **Wolfenden, J.** and Attard, S. 2006. *The Sustainability Challenge: Performance reporting by the North Burdekin Water Board and sustainability: Foundations for the future*, CRC for Irrigation Futures Technical Report No. 03-4/06.
- Van der Lee, J. and **Wolfenden, J.** 2002. "A Triple Bottom Line Framework for Reporting: Final report presented to the Cotton Research and Development Corporation", CEEWPR, University of New England.
- Wolfenden, J.** and Attard, S. 2007. *Change at the Catchment Scale: Analysis of Formal and Informal Institutional Arrangements and Processes – Lower Burdekin Irrigation Region*

Case Study. CRC for Irrigation Futures Irrigation Matters Series No. 01/07. CRC for Irrigation Futures, Sydney.

- Wolfenden, J.** and Evans, M. 2007. *Change at the Irrigation Area Scale: An Exploration of Integrated Area Wide Management (IAWM) for Irrigation Communities*. CRC for Irrigation Futures Irrigation Matters Series No. 02/07. CRC for Irrigation Futures, Sydney.
- Wolfenden, J.**, Evans, M. and Dutra, L. 2006. *What has been learned that increases the opportunities for irrigation communities in a changing world?* CRC for Irrigation Futures Technical Report 05/06. CRC for Irrigation Futures, Sydney.
- Wolfenden, J.A.J.** 1993. "Optimal Recycling Levels and Cost Recovery Pricing: A Case Study of Waste Management in the City of Armidale", Unpublished honours dissertation.
- Wolfenden, J.A.J.** 1994. *A Review of Pollution Abatement in the Beef Feedlot Industry, with Particular Emphasis on the Use of Economic Instruments*, Cattle and Beef Industry Cooperative Research Centre Working Paper.
- Wolfenden, J.A.J.** 1999. "A Transdisciplinary Approach to Integrated Resource Management: a pragmatic application of ecological economics", PhD Dissertation, University of New England.
- Wolfenden, J.A.J.** 2004. "Pre-feasibility study on a project featuring education in 'appropriate technology'", undertaken for the Toowoomba Christian College.
- Wolfenden, J.A.J.** and Gill, R.A. 2000. "Report of a workshop involving the Coffs Creek Working Party for Coffs Creek Floodplain Management", Centre for Ecological Economics and Water Policy Research, University of New England.
- Wolfenden, J.A.J.** and van der Lee, J.J. 2002. "A Social and Economic Assessment of Options/Recommendations for the Upper and Lower Namoi Groundwater Water Sharing Plan", A report presented to the Namoi Groundwater Management Committee on behalf of the Department of Land and Water Conservation. Available for download from: <http://www.une.edu.au/cwpr/waterpol/research/namoi.htm>.
- Wolfenden, J.A.J.**, Gill, R.A. and O'Loughlin, M 2001. "Continuous Improvement Through Alliance Principles: Report on Two Workshops", consultancy report for Rail Infrastructure Corporation, Sydney.
- Wolfenden, J.A.J.**, Gill, R.A. and van der Lee J.J. 2001. "A Social and Economic Assessment of the Likely Impacts Resulting from Changes to Irrigation Water Allocations in the Gwydir Valley", A report presented to the Gwydir Regulated River Management Committee on behalf of the Gwydir Valley Irrigators' Association. Available for download from: <http://www.une.edu.au/cwpr/waterpol/research/gwydir2.htm>
- Wolfenden, John** 2004. *FutureWater – Facilitating a Vision for the Role of Water in Inland Australia*, Final project report to Horticulture Australia. Project Number HG 03049.

Monographs

- Wolfenden, J.A.J. 1998. *New Approaches to Sustainable Land Management: A case study in political pragmatism*, Centre for Water Policy Research, Ecological Economics Series Paper #2, Armidale.

Referees

Mr Bob Simpson, Executive, Coffey International.

Ph 02 9911-1838 Mob 0413 056186 Email: bob_simpson@coffey.com.au

Ass Prof Richard Faulkner, Head of Environmental Engineering, University of New England.

Ph 02 6648-3924 Mob 0427 733390 Email: rfaulkne@une.edu.au

Prof Shahbaz Khan, Research Director and Leader at both Charles Sturt University and CSIRO.

Ph 02 6960-1578 Mob 0409 984076 Email: Shahbaz.Khan@csiro.au

Mr Angus Witherby, Principal, Wakefield Planning.

Ph 03 9588-1998 Mob 0427 257244 Email: angus.witherby@wakefieldplanning.com.au

Mr Glen Starkey, Manager, Regional Irrigation Business Partnerships Development, CRC Irrigation Futures.

Ph 07 3227-6370 Mob 0427 384678 Email: Glen.Starkey@irrigationfutures.org.au